

### Abstract

A color information file is produced in a processor for the communication of colors, which file can include all possible information data assigned to one or several color samples and identifying, characterizing or supplementing them. The information data are stored as data objects in the data information file in an open and expandable hierarchically organized object structure on XML basis in text format. By embedding the data objects in an XML container, it is possible to characterize color samples by way of arbitrary and different combination of information data and to selectively add complementary image or text information. The color information file is produced with the help of a text editor or a composer software, for example with graphic user interface. A viewer software is provided for the reading of the color information file and for interpretation of the information data stored therein.